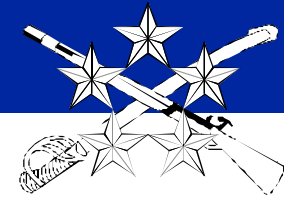




## Bradley Fighting Vehicle Systems



### *Bradley Fighting Vehicle Program Challenges*



***COL Paul S. Izzo***

***Project Manager, Bradley Fighting Vehicle Systems***

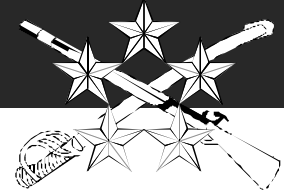
***NDIA Combat Vehicle Conference***

***Sept 1998***





## Bradley Fighting Vehicle Systems



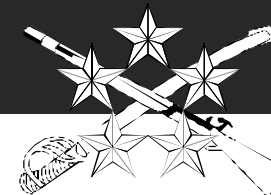
### *Bradley Fighting Vehicle Program Challenges*

- ***Bradley A3 Program Schedule and EMI***
- ***Multi-Year/Multi-Product Contract***
- ***Reducing Operations & Sustainment Costs***
- ***Test, Measurement and Diagnostic Equipment***
- 

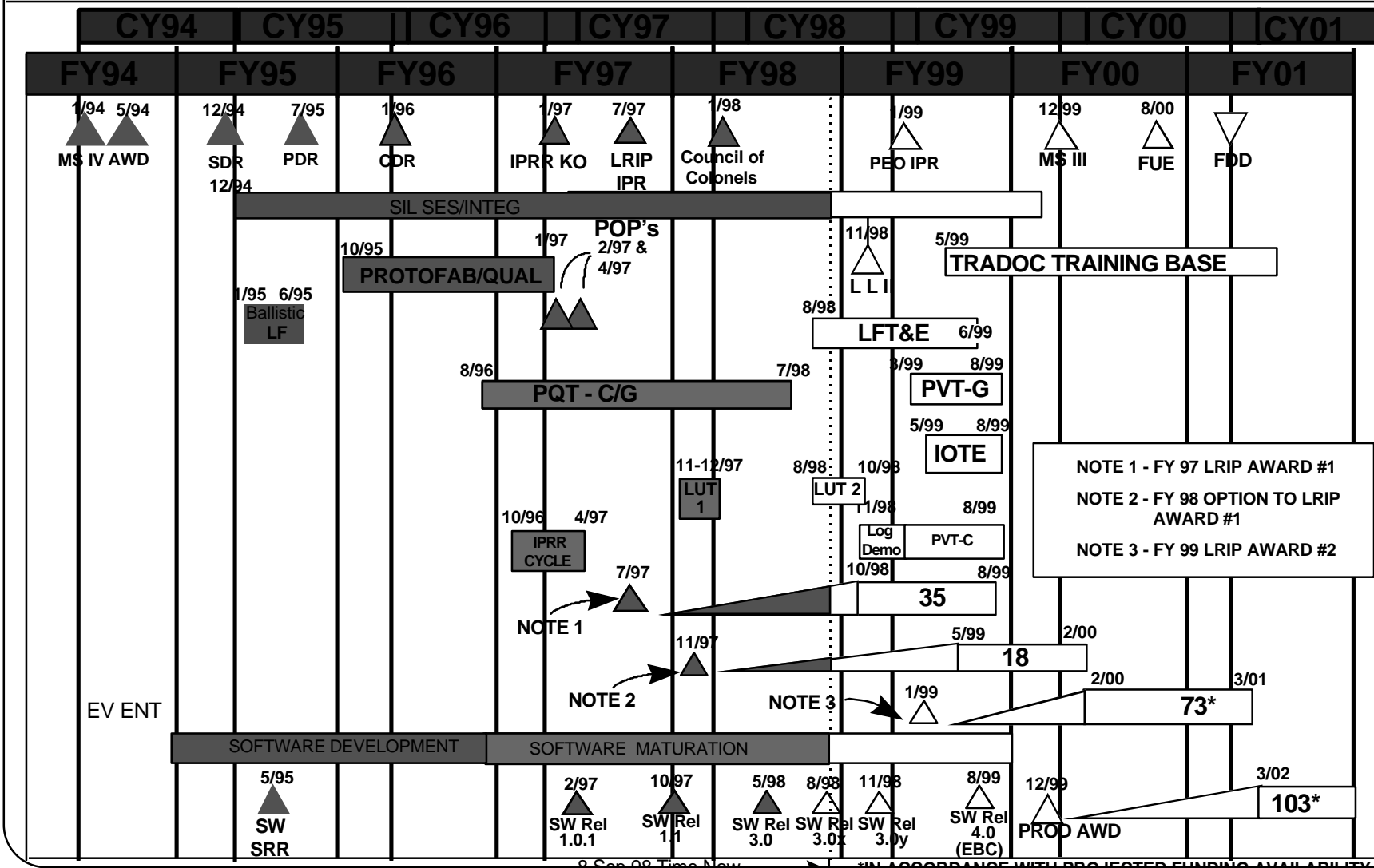




# Bradley Fighting Vehicle Systems



## Bradley A3 EMD Schedule



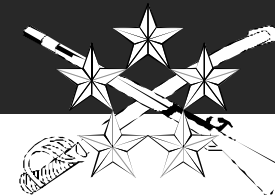
8 Sep 98 Time Now

\*IN ACCORDANCE WITH PROJECTED FUNDING AVAILABILITY

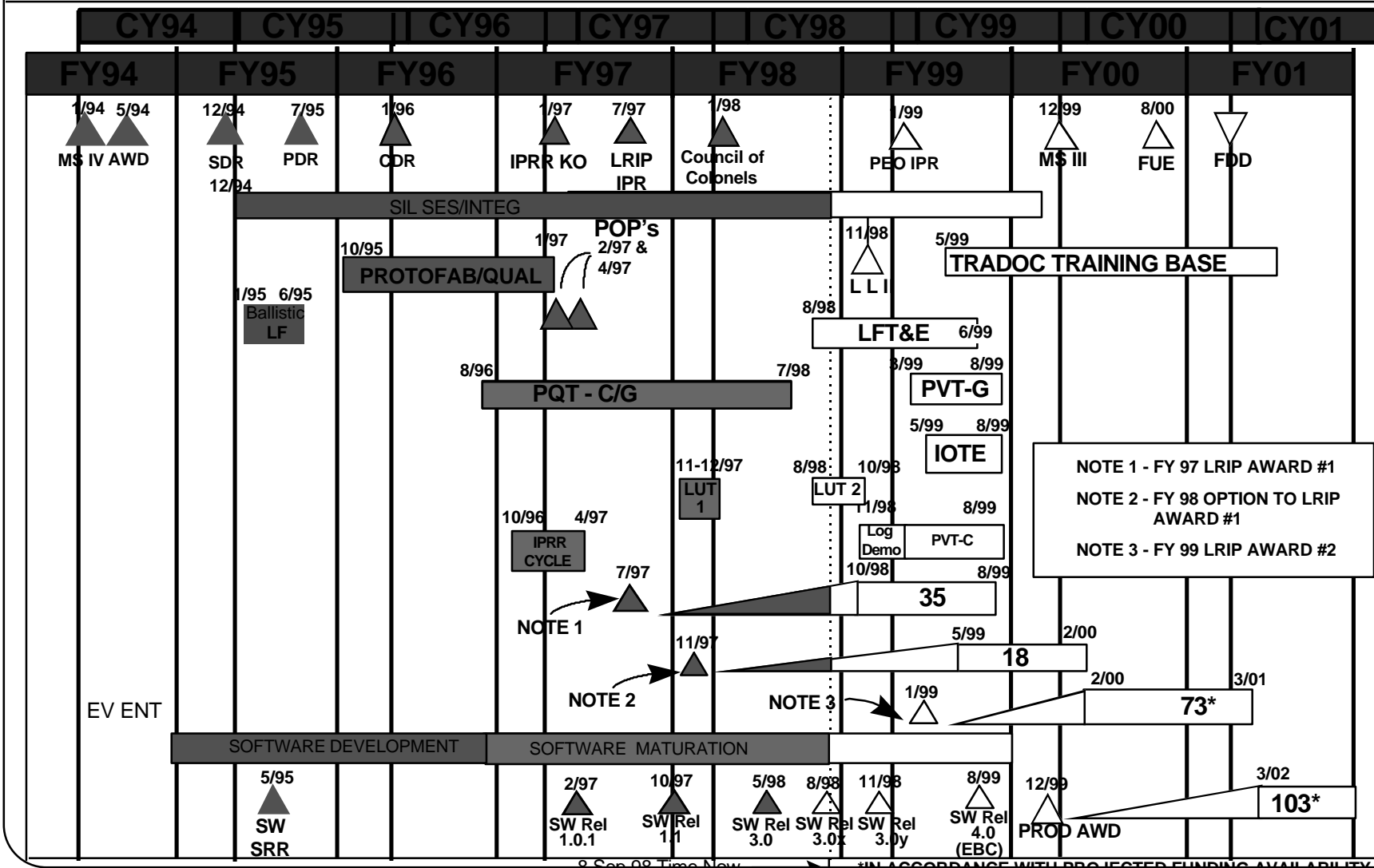
A3EMD



# Bradley Fighting Vehicle Systems



## Bradley A3 EMD Schedule



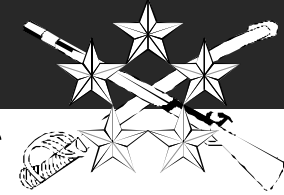
8 Sep 98 Time Now

\*IN ACCORDANCE WITH PROJECTED FUNDING AVAILABILITY

A3EMD



## Bradley Fighting Vehicle Systems



### ***Challenge: Managing Electro-Magnetic Interference within Bradley Vehicles***

- As vehicles add digital components, complex electronics and radios emit more signal interference in the turret
  - Increased interference in FLIR sights and static in intercom systems
- Status: Root Causes identified with Near Term Fixes
  - Improved Combat Vehicle Crew Helmet reduces interference
  - Improved Antenna base Grounding reduces EMI within turret
  - Studying FLIR impacts to identify EMI entries and shielding options

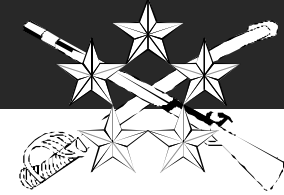


***Army issue:  
as systems add even more  
complex new electronics,  
need a higher level of  
system integration to  
minimize EMI interference***





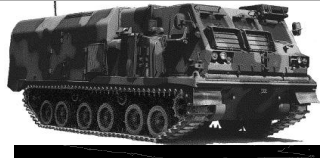
## Bradley Fighting Vehicle Systems



### ***Challenge: Award Affordable BFV Multi-Year/Multi-Product Contract***



**A3**



**C2V**



**MLRS**

### **The Challenge:**

- Award Affordable Multi-Year Contract Within FY00-03 POM Dollars
- Award an Omnibus Contract for all UDLP Systems to Facilitate Single Process Initiatives Across all Product Lines
- MY/MP Contract Award Targeted for Dec 99
  - Alpha Contracting
  - Acquisition Streamlining
  - Performance Based Contracting
  - Partnering With Industry Including Subcontracting

**Identified Savings Already Removed From Core Programs**



# Bradley Fighting Vehicle Systems



## Top 10 BFVS O&S Cost Drivers

Rank	NSN	Part Number	Item Name	Approximate Unit Price	Cost / Mile
1	1240-01-216-6331	12293339-1	Integrated Sight Unit (ISU) T2SS	\$136,949.00	\$ 4.61
2	2520-01-338-2703	57K0709	TEC Transmission	\$174,250.00	\$ 3.69
3	2530-01-288-2719	12359466-1	Big Foot Track Shoe	\$ 135.00	\$ 3.36
4	6110-01-176-8802	12328964	Turret Distribution Box (TDB)	\$ 19,819.00	\$ 1.30
5	1240-01-339-6326	13294692	TOW Visual Module Assembly (TVM)	\$ 22,671.00	\$ 1.25
6	1005-01-105-5191	12524100	25mm Gun Feeders	\$ 25,155.00	\$ 1.10
7	6110-01-201-7880	12328513	Vehicle Distribution Box (VDB)	\$ 7,568.00	\$ 1.03
8	2815-01-290-1290	57K0394	Engine	\$ 48,803.00	\$ 0.92
9	2540-01-312-4730	12369308	Shock Absorber	\$ 448.00	\$ 0.47
10	1005-01-273-5946	9379400	Digital Electronic Control Assembly (DECA)	\$ 33,042.00	\$ 0.45

Note: Based on 2200 Vehicles in use, at 650 Average Miles per Year, Current AMDF Prices

